### INTERNATIONAL SEARCH REPORT

International application No.

		]	PCT/US04/07508	3
A. CLA IPC(7)	SSIFICATION OF SUBJECT MATTER : A61B 5/05			
US CL	: 600/547		. <u> </u>	
	o International Patent Classification (IPC) or to both DS SEARCHED	national classification	and IPC	<del></del>
	ocumentation searched (classification system follower	d by electification sym	L-1 <sub>n</sub> \	
	500/547, 526, 536, 508, 509, 515, 516, 506, 546, 44			_
Documentati	ion searched other than minimum documentation to t	the extent that such docu	iments are include	d in the fields searched
	ata base consulted during the international search (na Continuation Sheet	ame of data base and, w	here practicable, s	earch terms used)
C. DOC	UMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where			Relevant to claim No.
X, P	US 6,561,986 B2 (BAURA et al) 13 May 2003 (1	3.05.2003), See whole of	document.	1,3-17,22-26
Y				2
Y	US 2002/022787 A1 (TAKEHARA et al) 21 Febru document.	uary 2002 (21.02.2002),	See whole	2
A	US 5,280,429 A (WITHERS) 18 January 1994 (18	3.01.1994), See whole d	ocument.	1-26
A	US 6,339,722 B1 (HEETHAAR et al) 15 January :	2002 (15.01.2002), See	whole	1-26
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<u></u>		<u> </u>		
	documents are listed in the continuation of Box C.		amily annex.	
* Sp	pecial categories of cited documents;	"T" later document date and not in	published after the inter conflict with the applica	national filing date or priority tion but cited to understand the
	defining the general state of the art which is not considered to be		ory underlying the inver	
•	plication or patent published on or after the international filing date	considered nove	rticular relevance; the c el or cannot be considere nent is taken alone	laimed invention cannot be
	which may throw doubts on priority claim(s) or which is cited to he publication date of another citation or other special reason (as	"Y" document of pa	rticular relevance; the care	
"O" document	referring to an oral disclosure, use, exhibition or other means		one or more other such on a person skilled in the	documents, such combination art
	published prior to the international filing date but later than the te claimed	"&" document mem	ber of the same patent fa	mily
Date of the ac	ctual completion of the international search	Date of mailing of the 01 FEB 2	international searc	ch report
02 July 2004		Authorized officer	V	M
	iling address of the ISA/US Stop PCT, Attn: ISA/US	<b>&gt;</b>	haron 7/.	There for
Com	missioner for Patents Box 1450	Brian Szmal	$\nu$	V
Alex	andria, Virginia 22313-1450	Telephone No. (703)	308-0858	
Facsimile No.	. (703) 305-3230			

Form PCT/ISA/210 (second sheet) (July 1998)

	PCT/US04/07508	
INTERNATIONAL SEARCH REPORT		
C. C. C. C. THEN TO COM A DOMESTIC TO		
Continuation of B. FIELDS SEARCHED Item 3:		
WEST: impedance, bioimpedance, edema, fluid, blood, electrodes, shock, memora ECG, EKG, Fourier, waveform	ry, chest, injection, measurement, measure, volume,	
ECG, EKG, Fourier, waveform		
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## PATENT COOPERATION TREATY

# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

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Applicant's or agent's file reference - 31030-3:2	FOR FURTHER ACT	TION	See Form PCT/IPEA/416		
International application No.	International filing date (c	lay/month/year)	Priority date (day/month/year)		
PCT/US04/07508	11 March 2004 (11.03.20	04)	14 March 2003 (14.03.2003)		
International Patent Classification (IPC) or national classification and IPC					
IPC: A61B 5/05( 2006.01) USPC: 600/547					
Applicant					
SHOCK, LLC					
<ol> <li>This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</li> </ol>					
2. This REPORT consists of a total of sheets, including this cover sheet.					
3. This report is also accompanied by ANNEXES, comprising:					
a. [ (sent to the applicant and to the International Bureau) a total of sheets, as follows:					
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).					
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.					
b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).					
4. This report contains indications relating to the following items:					
Box No. I B	Box No. I Basis of the report				
Box No. II Priority					
	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability				
Box No. IV La	ack of unity of invention		`		
· ——	easoned statement under Article 35(2) with regard to novelty, inventive step or dustrial applicability; citations and explanations supporting such statement				
Box No. VI Certain documents cited					
Box No. VII Co	Box No. VII Certain defects in the international application				
Box No. VIII Certain observations on the		international application			
Date of submission of the demand D		Date of completion of this report			
13 October 2004 (13.10.2004)	13 October 2004 (13.10.2004)		31 May 2006 (31.05.2006)		
Name and mailing address of the IPEA/ I Mail Stop PCT, Attn: IPEA/US	JS	Authorized officer			
Commissioner for Patents	İ	Brian Szmai Shav	rent 1. / meere for		
P.O. Box 1450 Alexandria, Virginia 22313-1450			200 0050		
Facsimile No. (571) 273-3201 Form PCT/IPFA/409 (cover sheet) (April 2	005)	Telephone No. (703)	308-0838		

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/US04/07508

Box No. I Basis of the report				
1. With regard to the language, this report is based on:				
the international application in the language in which it was filed.				
a translation of the international application into, which is the language of a translation furnished for the purposes of:				
international search (under Rules 12.3 and 23.1(b))				
publication of the international application (under Rule 12.4(a))				
international preliminary examination (under Rules 55.2(a) and/or 55.3(a))				
<ol> <li>With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):</li> </ol>				
the international application as originally filed/furnished				
the description:				
pages 1-22 as originally filed/furnished				
pages* NONE received by this Authority on pages* NONE received by this Authority on received by the re				
the claims:				
pages 23-27 as originally filed/furnished				
pages* NONE as amended (together with any statement) under Article 19				
pages* NONE received by this Authority on				
pages* NONE received by this Authority on				
the drawings:				
pages 1-5 as originally filed/furnished				
pages* NONE received by this Authority on pages* NONE received by this Authority on				
a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.				
3. The amendments have resulted in the cancellation of:				
the description, pages				
the claims, Nos				
the drawings, sheets/figs				
the sequence listing (specify):				
any table(s) related to the sequence listing (specify):				
4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made.				
since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).				
the description, pages				
the claims, Nos.				
the drawings, sheets/figs				
the sequence listing (specify):				
any table(s) related to the sequence listing (specify):				
* If item 4 applies, some or all of those sheets may be marked "superseded."				

Form PCT/IPEA/409 (Box No. I) (April 2005)

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/US04/07508

Statement	-	
Novelty (N)	Claims 1-26	
	Claims NONE	YES NO
Inventive Step (IS)	Claims 1-26_	
	Claims NONE	YES
Industrial Applicability (IA)	Claims 1-26	100
	Claims NONE	YES
. Citations and Explanations (Rule 70.7)	33(2)-(3), because the prior art does not teach or fa	

Claims 1-26 meet the criteria set out in PCT Article 33(4), and thus have industrial applicability because the subject matter claimed can be made or used in industry.

Form PCT/IPEA/409 (Box No. V) (April 2005)